

COPIES TO:CONTRACTOR
PE/PS**INDIANA DEPARTMENT OF TRANSPORTATION
MATERIALS AND TESTS DIVISION****SUPERSTRUCTURE CONCRETE ANALYSIS FOR QUALITY ASSURANCE
(ENGLISH UNITS)**CONTRACT NO. _____ MIXTURE: w/o Silica Fume w/Silica Fume LOT NO. _____Threshold Equation for CMD at Max. Allowable W/C: $UW = \text{_____} (\text{Air}) + \text{_____}$

ADJUSTMENT POINTS							
Date Sublot Quantity (yd ³)							
	Sublot 1	Sublot 2	Sublot 3	Sublot 4			
Properties					Average	Tolerance	Pay Factor PF
Air Content (%)							
Threshold Unit Weight (lb/ft ³)							
Measured Unit Weight (lb/ft ³)							
Rapid CI Permeability (Coulombs)							
28 Day Compressive Strength (psi)							
Range of Air Content							

Note: Insert asterisk (*) next to any failing Sublot Acceptance Sample result and submit copy of form to DMTE for processing as Failed Material.

QUALITY ASSURANCE ADJUSTMENT				
Lot Quantity L (yd ³)	Pay Factors			$q = L \times U_m \times (PF_a + PF_c + PF_r - 3.00)$ (\$)
	Air Content PF _a	Compressive Strength PF _c	Air Content Range PF _r	

$$U_m = \$96/\text{yd}^3$$

Project Engineer/ Project Supervisor_____
Date